

**(DANRE) adra2db Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21170a**

## Specification

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### (DANRE) adra2db Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	<a href="#">Q8JG69</a>
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	46863
Antigen Region	323-356

### (DANRE) adra2db Antibody (C-Term) - Additional Information

**Gene ID** 266755

#### Other Names

Alpha-2Db adrenergic receptor, Alpha-2Db adrenoceptor, Alpha(2Db)AR, Alpha-2Db adrenoceptor, adra2db

#### Target/Specificity

This DANRE adra2db antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 323-356 amino acids from the region of DANRE adra2db.

#### Dilution

WB~~1:4000

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

(DANRE) adra2db Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

### (DANRE) adra2db Antibody (C-Term) - Protein Information

**Name** adra2db

**Function** Alpha-2 adrenergic receptors mediate the catecholamine- induced inhibition of adenylate cyclase through the action of G proteins. The order of potency for this receptor is

dexmedetomidine > norepinephrine = epinephrine > oxymetazoline.

### Cellular Location

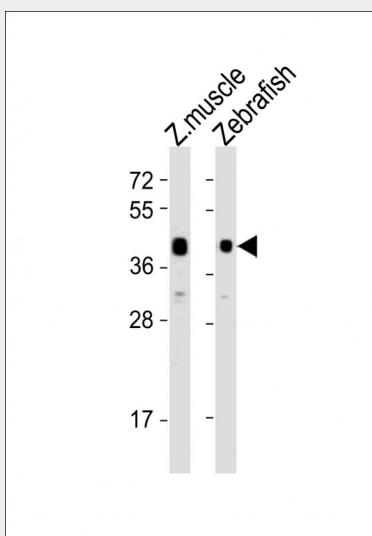
Cell membrane; Multi-pass membrane protein.

### (DANRE) adra2db Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### (DANRE) adra2db Antibody (C-Term) - Images



All lanes : Anti-adra2db Antibody (C-Term) at 1:4000 dilution Lane 1: zebrafish muscle lysates Lane 2: Zebrafish lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### (DANRE) adra2db Antibody (C-Term) - Background

Alpha-2 adrenergic receptors mediate the catecholamine- induced inhibition of adenylate cyclase through the action of G proteins. The order of potency for this receptor is dexmedetomidine > norepinephrine = epinephrine > oxymetazoline.

### (DANRE) adra2db Antibody (C-Term) - References

Ruuskanen J.O.,et al.Mol. Biol. Evol. 21:14-28(2004).  
Ruuskanen J.O.,et al.Br. J. Pharmacol. 144:165-177(2005).